

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032023\
 Data File : VX034625.D
 Acq On : 20 Mar 2023 14:11
 Operator : JC/MD
 Sample : 01939-04 20X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20071

Quant Time: Mar 20 14:37:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	220706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	418655	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159980	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	190571	59.353	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	118.700%#
35) Dibromofluoromethane	5.385	113	117217	42.406	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.820%
50) Toluene-d8	8.647	98	442773	42.909	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	85.820%#
62) 4-Bromofluorobenzene	11.079	95	189242	45.404	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.800%

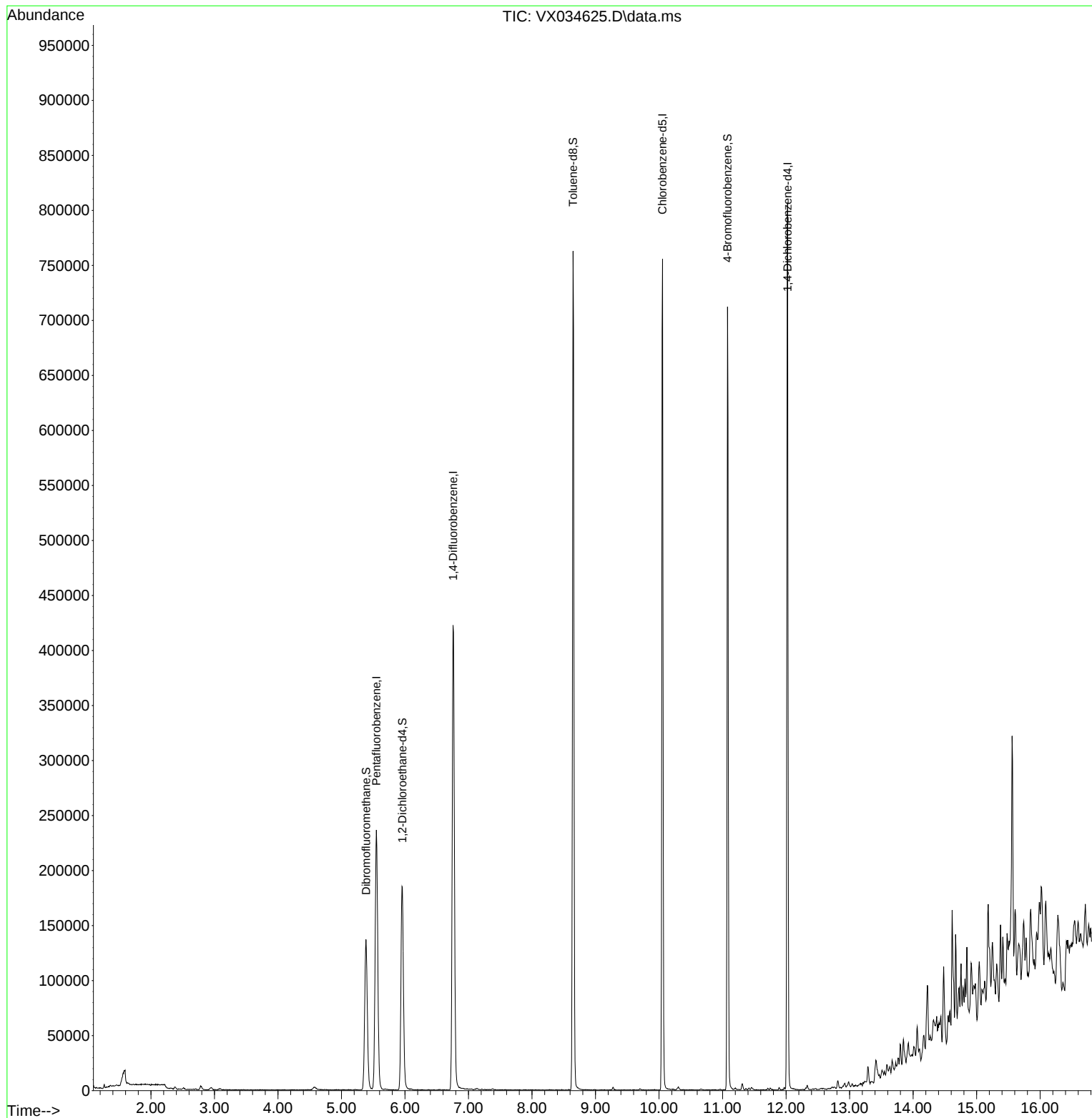
Target Compounds	Qvalue

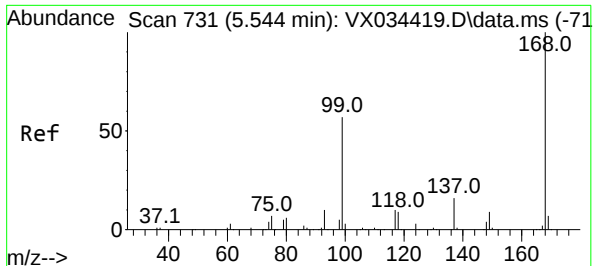
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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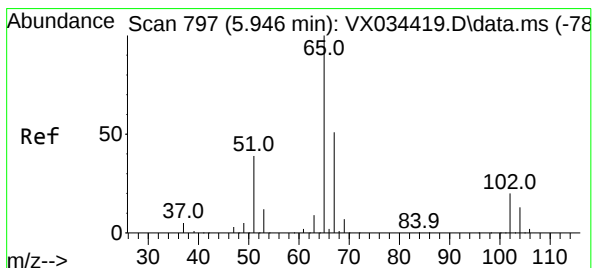
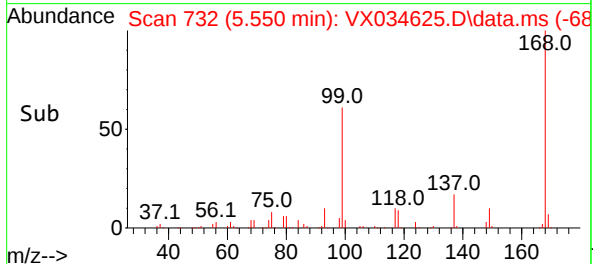
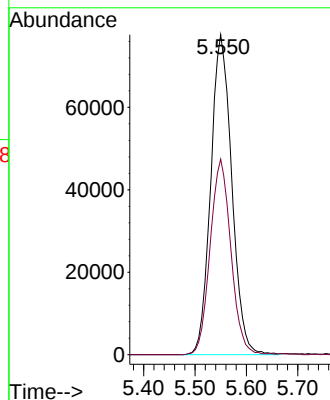
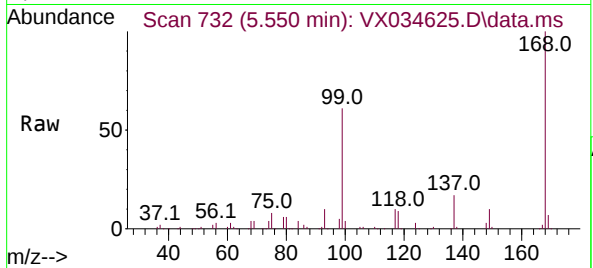




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034625.D
Acq: 20 Mar 2023 14:11

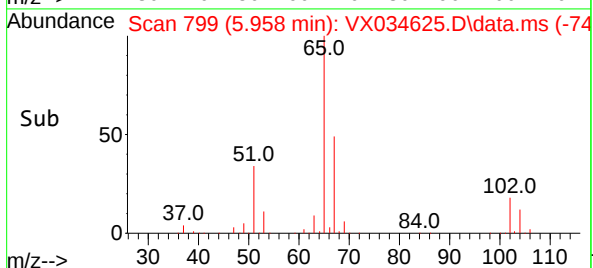
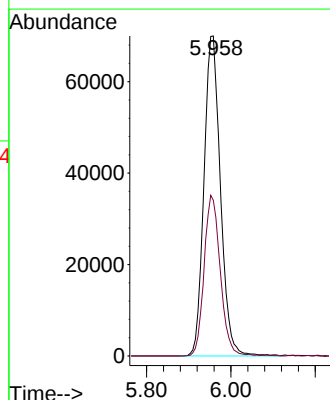
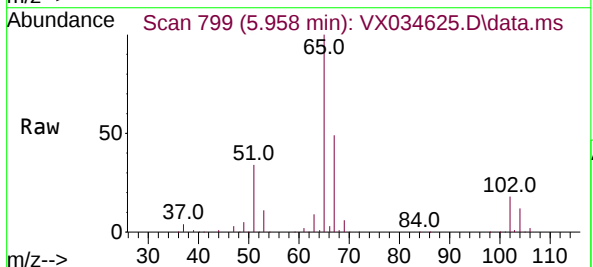
Instrument :
MSVOA_X
ClientSampleId :
20071

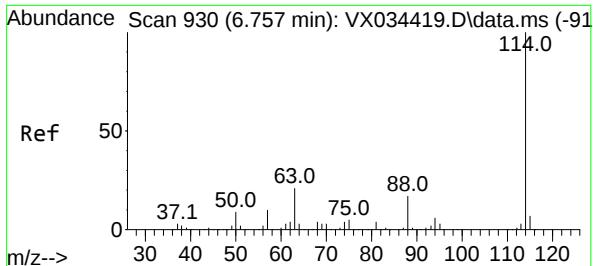
Tgt Ion:168 Resp: 220706
Ion Ratio Lower Upper
168 100
99 61.1 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 59.353 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034625.D
Acq: 20 Mar 2023 14:11

Tgt Ion: 65 Resp: 190571
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.0

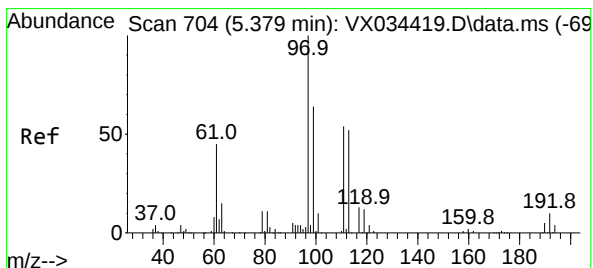
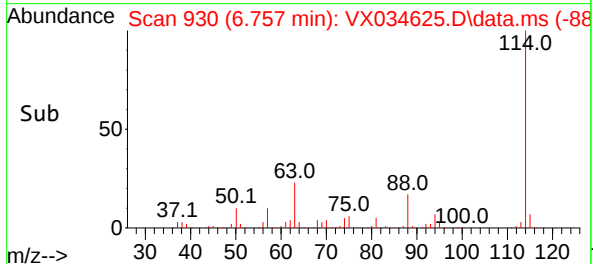
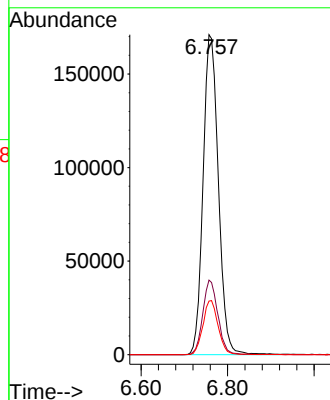
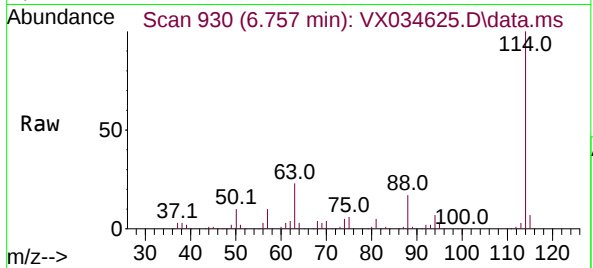




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034625.D
Acq: 20 Mar 2023 14:11

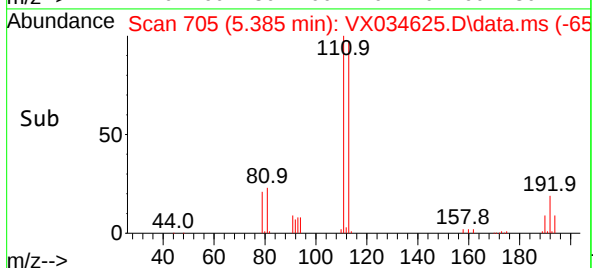
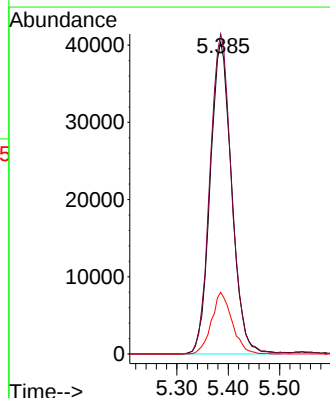
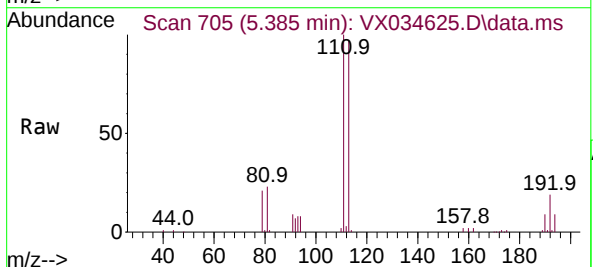
Instrument :
MSVOA_X
ClientSampleId :
20071

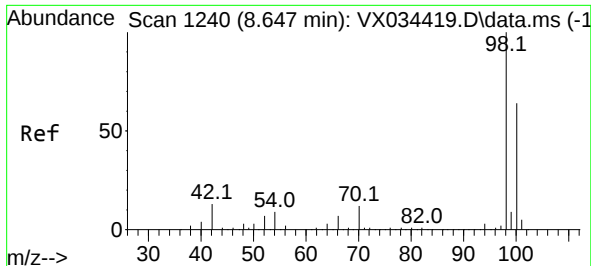
Tgt Ion:114 Resp: 418655
Ion Ratio Lower Upper
114 100
63 23.3 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 42.406 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034625.D
Acq: 20 Mar 2023 14:11

Tgt Ion:113 Resp: 117217
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 19.0 15.4 23.2

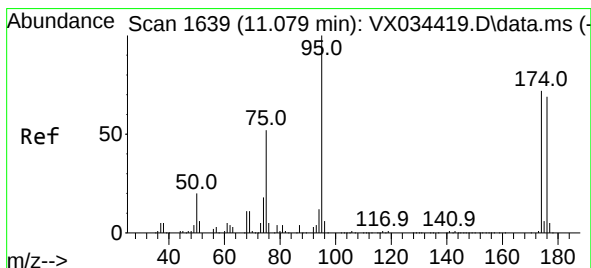
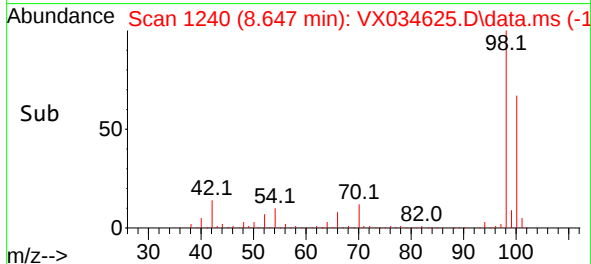
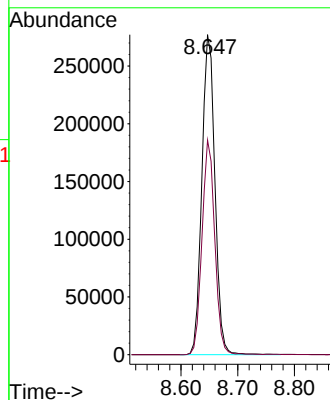
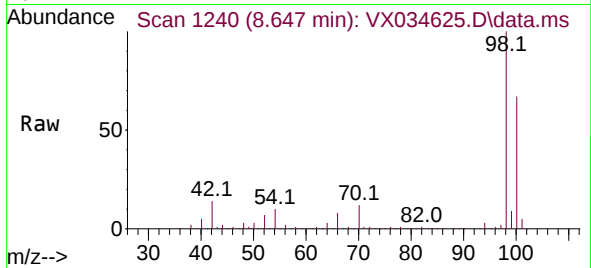




#50
Toluene-d8
Concen: 42.909 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034625.D
Acq: 20 Mar 2023 14:11

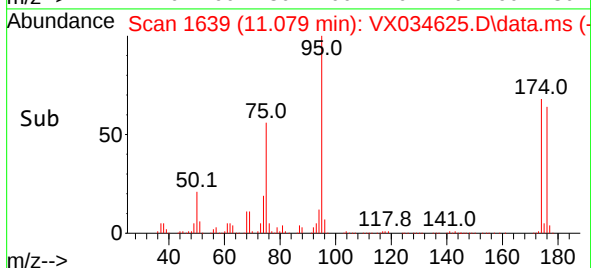
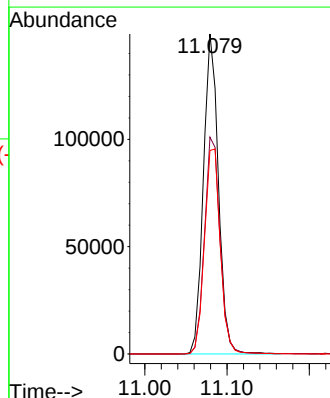
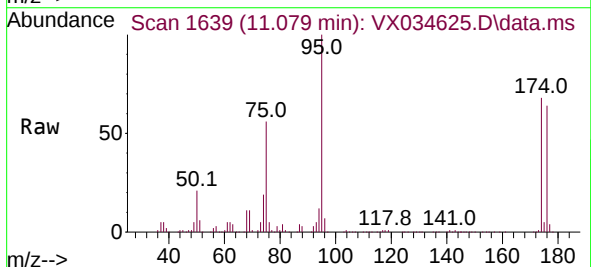
Instrument :
MSVOA_X
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20071

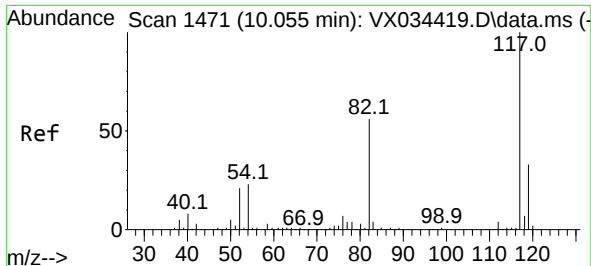
Tgt Ion: 98 Resp: 442773
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034625.D
Acq: 20 Mar 2023 14:11

Tgt Ion: 95 Resp: 189242
Ion Ratio Lower Upper
95 100
174 70.3 0.0 147.4
176 67.7 0.0 140.6

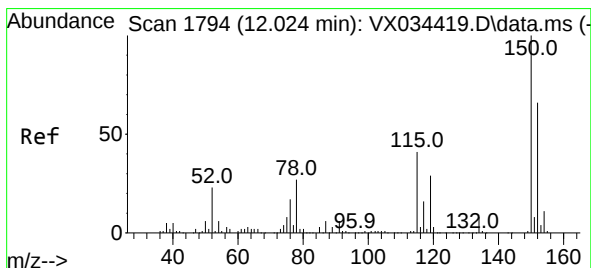
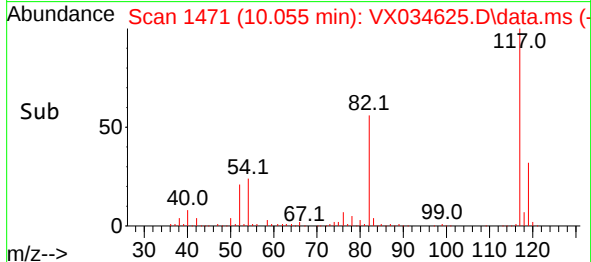
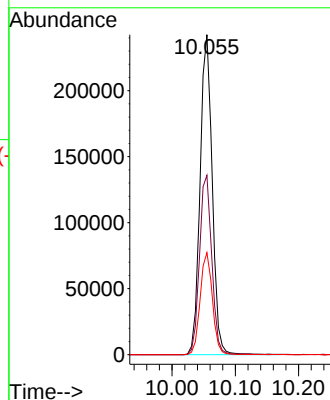
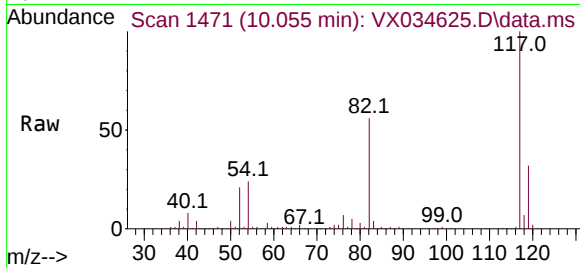




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034625.D
Acq: 20 Mar 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :
20071

Tgt Ion:117 Resp: 323801
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034625.D
Acq: 20 Mar 2023 14:11

Tgt Ion:152 Resp: 159980
Ion Ratio Lower Upper
152 100
115 64.6 45.0 135.0
150 158.1 0.0 352.4

